More Than Selfish Genes

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What happened to evolutionary biology during the 20th century — and what did it leave out?

Evolution, as it is studied today, is much more complex than when Charles Darwin first posited his theory of natural selection, popularly known as “survival of the fittest.”

Evolutionary theory has undergone a series of expansions and refinements over the course of the past century and a half. Today, in the first quarter of the 21st century, biologists recognize that there is much more to evolution than DNA replication alone. The “extended evolutionary synthesis” is a family of theoretical perspectives that goes beyond a gene-centric view of evolution to include more sources of biological innovation and adaptations.

A new report, commissioned by the John Templeton Foundation and written by Dr. Lynn Chiu of the Department of Evolutionary Biology at the University of Vienna, serves as a road map to understanding Extended Evolutionary Synthesis.

Learn More and Read the Report Here

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